

P. 12724

SEE WR 91-01 dated January 10, 1991

ALSO SEE WR 91-03 dated April 1, 1991

ACCEL 0

APPLICATION 9365, PERMIT **12724**

PERMIT AMENDED

SEE WR ORDER 95-6

ISSUED JUNE 8, 1995

12724

SEE ORDER: WR 92-02, DATED MARCH 19, 1992

[For full information concerning the filling out of this form refer to  
Article 4 of Rules and Regulations Pertaining to Appropriation of Water]

## STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

Application No. 9365 Filed August 2, 1938, at 8:38 A. M.  
(Applicant must not fill in the above blanks)

## APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

AMENDED APPLICATION RECEIVED 6-18-59

The United States of America, assignee of the above-numbered application for a permit to appropriate the following described unappropriated waters to be used in furtherance of Central Valley Project, California, which project is under the supervision of the United States Bureau of Reclamation, shows:

For the purpose of this application, the post office address of the applicant is United States Bureau of Reclamation, P. O. Box 2511, Sacramento 11, California.

### Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is Sacramento River OVER  
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed  
located in Shasta County, tributary to Suisun Bay

2. The amount of water which applicant desires to appropriate under this application is as follows:

(a) For diversion to be directly applied to beneficial use 7000 2275 cubic feet per  
1 cubic foot per second equals 40 statute miner's inches or 646,317 gallons per day  
second, to be diverted from January 1 to December 31 of each year. see D-990  
Beginning date Closing date

(b) For diversion to be stored and later applied to beneficial use 3,310,000 1,303,000 acre-feet  
1 acre-foot equals 325,851 gallons  
per annum, to be collected between October 1 and July 1 of each season.  
Beginning date Closing date

NOTE.—Answer (a) or (b) or both (a) and (b) as may be necessary. If amount under (a) is less than .025 cubic foot per second, state in gallons per day. Neither the amount nor the season may be increased after application is filed. If underground storage is proposed a special supplemental form will be supplied by the State Water Rights Board upon request.

3. The use to which the water is to be applied is Power  
Domestic, irrigation, power, municipal, mining, industrial, recreational  
purposes.

4. The point of diversion is to be located Shasta Dam Station 0+00 on axis of Shasta Dam is S39°  
State bearing and distance or coordinate distances from section or quarter section corner  
58° 13' W 1626.41 feet from E<sup>1</sup> corner of Section 15, T33N, R5W, MDB&M.

being within the NE<sup>1</sup> of SE<sup>1</sup>  
State 40-acre subdivision of public land survey or projection thereof  
of Section 15, T. 33N, R. 5W, M.D. B. & M., in the County of Shasta

5. The main conduit terminates in NE<sup>1</sup> of SW<sup>1</sup> of Sec. 15, T. 33N, R. 5W, M. D. B. & M.  
State 40-acre subdivision of U. S. Government survey or projection thereof

### Description of Diversion Works

NOTE.—An application cannot be approved for an amount grossly in excess of the estimated capacity of the diversion works.

6. Intake or Headworks (fill only those blanks which apply)

(a) Diversion will be made by pumping from \_\_\_\_\_  
Sump, offset well, unobstructed channel, etc.

(b) Diversion will be by gravity, the diverting dam being the storage dam feet in height (stream bed to level of overflow); \_\_\_\_\_ feet long on top; and constructed of \_\_\_\_\_  
(Shasta) Concrete, earth, brush, etc.

(c) The storage dam will be 487 feet in height (stream bed to overflow level); 3460 feet long on top; have a freeboard of 12.5 feet, and be constructed of concrete  
Concrete, earth, etc.

7. Storage Reservoir Shasta Reservoir  
Name

The storage reservoir will flood lands in T33N to T36N, R1W to R5W, MDB&M INCLUSIVE (see topographic

Indicate section or sections, also 40-acre subdivisions unless shown upon map

maps accompanying application 5626)  
It will have a surface area of 29,500 acres, and a capacity of 4,493,000 acre-feet.

In case of insufficient space for answers in form, attach extra sheets at top of page 3 and cross reference.

8. Conduit System (describe main conduits only)

(a) Canal, ditch, flume: Width on top (at water line) \_\_\_\_\_ feet; width at bottom \_\_\_\_\_ feet; depth of water \_\_\_\_\_ feet; length \_\_\_\_\_ feet; grade \_\_\_\_\_ feet per 1,000 feet; materials \_\_\_\_\_

Cross out two not used

of construction \_\_\_\_\_

Earth, rock, timber, etc.

5 Penstocks, each \_\_\_\_\_ feet per \_\_\_\_\_

(b) Pipe line: Diameter \_\_\_\_\_

1,000 feet; total fall \_\_\_\_\_ feet; kind \_\_\_\_\_

Riveted steel, concrete, wood-stave, etc.

NOTE.—If a combination of different sizes or kinds of conduit is to be used, attach extra sheets with complete description, also show location of each

clearly on map.

9. The estimated capacity of the diversion conduit or pumping plant proposed is 18,000 cubic feet per second

State cubic feet per second or gallons per minute

\$141,200,000

The estimated cost of the diversion works proposed is

Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

Completion Schedule

10. Construction work will begin on or before \_\_\_\_\_ already begun

Construction work will be completed on or before 1950

The water will be completely applied to the proposed use on or before 1960

Description of Proposed Use

11. Place of Use. Shasta Dam Power Plant located on the right abutment of Shasta Dam

State 40-acre subdivisions of the public land survey. If area is unsurveyed indicate the location as if lines of the public land

In NE 1/4 of SW 1/4 of Section 15, T33N, R5W, MDB&M.

40-acre tracts, describe area in a general way and show detail upon map.

Do (es) applicant(s) own the land whereon use of water will be made? Yes \_\_\_\_\_ No \_\_\_\_\_

Jointly? Yes \_\_\_\_\_ No \_\_\_\_\_

If applicant does not own land whereon use of water will be made, give name and address of owner and state what arrangements have been made with him.

12. Other Rights. Describe all rights except those on file with the State Water Rights Board under which water is served to the above named lands.

Nature of Right (riparian, appropriative, purchased water, etc.)	Year of First Use	Use made in recent years including amount if known	Season of Use	Source of Other Supply
1.				
2.				
3.				
4.				

Attach supplement at top of page 3 if necessary.

13. Irrigation Use. The area to be irrigated is \_\_\_\_\_ acres.

State net acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice \_\_\_\_\_ acres; alfalfa \_\_\_\_\_ acres;

orchard \_\_\_\_\_ acres; general crops \_\_\_\_\_ acres; pasture \_\_\_\_\_ acres.

NOTE.—Care should be taken that the various statements as to acreage are consistent with each other, with the statement in Paragraph 11, and with the map.

The irrigation season will begin about \_\_\_\_\_ and end about \_\_\_\_\_

Beginning date

Closing date

14. Power Use. The total fall to be utilized is 475 \_\_\_\_\_ feet.

Difference between nozzle or draft tube water level and first free water surface above

The maximum amount of water to be used through the penstock is 18,000 \_\_\_\_\_ cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is 972,000 \_\_\_\_\_ horsepower.

Second feet  $\times$  fall  $\div$  8.8

The use to which the power is to be applied is \_\_\_\_\_ For Central Valley Project uses and for distribution and sale \_\_\_\_\_

For distribution and sale or private use, etc.

and sale

The nature of the works by means of which power is to be developed is \_\_\_\_\_ turbines

Turbine, Pelton wheel, etc.

The size of the nozzle to be used is \_\_\_\_\_ inches.

The water will be returned to \_\_\_\_\_

XXXXXX

Sacramento River

M.D. B. & M.

R. 5W

T. 33N

Sec. 15

State 40-acre subdivision

2-1-80 Name chgd To U.S. Water + power Res. Service

SUPPLEMENT TO APPLICATION 9365

Paragraph 2: USE

The amounts of water applied for in this application are to supplement the amounts applied for in Application No. 5625, filed for the same purpose. In some years the total annual storage of 6,500,000 acre-feet requested in these two applications will be stored by the 4,493,000 acre-feet Shasta Reservoir by reason of having an almost empty reservoir on October 1 of some years, filling the reservoir during short periods of peak flow, drawing it down and then replenishing it before July 1. This application also covers the same storage facilities as Applications 5626 and 9364 filed for irrigation purposes.

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No. 12724

This is to certify that the application of which the foregoing is a true and correct copy has been considered and approved by the State Water Rights Board SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

1. The amount of water to be appropriated shall be limited to the amount which can be beneficially used and shall not exceed 2,275 cubic feet per second by direct diversion to be diverted from January 1 to December 31 of each year, and 1,303,000 acre-feet per annum by storage to be collected from about October 1 of each year to about June 30 of the succeeding year.

2. The total amount of water to be appropriated under permits issued pursuant to Applications 5625, 5626, 9363, 9364 and 9365 shall not exceed 4,493,000 acre-feet per annum.

3. The amount of water which may be appropriated hereunder may in license be reduced if investigation warrants.

4. All rights and privileges under this permit, including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the State Water Rights Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use and unreasonable method of diversion of said water.

5. Construction work shall be completed on or before December 1, 1985.

6. Complete application of the water to the proposed use shall be made on or before December 1, 1990.

7. Progress reports shall be filed promptly by permittee on forms to be provided annually by the State Water Rights Board until license is issued.

8. This permit is subject to compliance with Water Code Section 10504.5(a).

9. The amount of water which may be diverted under this permit shall remain subject to depletion of stream flow above Shasta Dam by the exercise of lawful rights to the use of water for the purpose of development of the counties in which such water originates, whether such rights have been heretofore or may



15. Municipal Use. This application is made for the purpose of serving \_\_\_\_\_  
Name city or cities, town or towns, Urban areas only  
\_\_\_\_\_ having a present population of \_\_\_\_\_  
The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full  
amount applied for is put to beneficial use is as follows:

16. Mining Use. The name of the mining property to be served is \_\_\_\_\_  
Name of claim  
\_\_\_\_\_ and the nature of the mines is \_\_\_\_\_  
Gold placer, quartz, etc.  
The method of utilizing the water is \_\_\_\_\_  
It is estimated that the ultimate water requirement for this project will be \_\_\_\_\_  
Cubic feet per second, gallons per minute. State basis of estimate

The water will not be polluted by chemicals or otherwise \_\_\_\_\_  
Explain nature of pollution, if any  
and it will not be returned to \_\_\_\_\_  
Name stream  
\_\_\_\_\_ in \_\_\_\_\_  
State 40-acre subdivision  
\_\_\_\_\_ of \_\_\_\_\_  
17. Other Uses. The nature of the use proposed is \_\_\_\_\_  
Industrial, recreational, domestic, stockwatering, fish culture, etc.

State basis of determination of amount needed. \_\_\_\_\_  
Number of persons, residences, area of domestic lawns and gardens, number and kind of stock, type  
\_\_\_\_\_ Industrial use, and unit requirements.

18. Are the maps as required by the Rules and Regulations filed with Application? \_\_\_\_\_ Yes or No  
Yes \_\_\_\_\_ If not, \_\_\_\_\_  
state specifically the time required for filing same

19. Does the applicant own the land at the proposed point of diversion? \_\_\_\_\_ Yes or No  
Yes \_\_\_\_\_ If not, give name and  
address of owner and state what steps have been taken to secure right of access thereto

20. What is the name of the post office most used by those living near the proposed point of diversion? \_\_\_\_\_  
Redding, Summit City

21. What are the names and addresses of claimants of water from the source of supply below the proposed point of  
diversion? Diversers along the Sacramento River below Shasta Dam. See Sacramento-  
San Joaquin Water Supervision Report for names.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
[SIGNATURE OF APPLICANT] /s/ R. S. Calland  
Acting Regional Director

PERMIT NO. 12724

APPLICATION NO. 9365

SEE DECISION 1485 ISSUED 8-16-78

+ Order 78-17, 10-13-78

'Deadline to Record D-1485

P. 12728

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER RIGHTS

**ORDER**

APPLICATION 5625 and 26 others PERMIT 12720 and 26 others  
(as listed on attached sheet)

LICENSE \_\_\_\_\_

ORDER ALLOWING EXTENSION OF TIME  
TO COMPLY WITH SUISUN MARSH STANDARDS

WHEREAS:

1. Order Condition 7(b) of Decision 1485 requires the permittee to meet specific water quality standards for full protection of the Suisun Marsh by October 1, 1984, as set forth in Table II of the Decision.
2. A petition for an extension of time to comply with the water quality standards for full protection of Suisun Marsh set forth in Order Condition 7(b) and Table II of Decision 1485 was filed by the U. S. Bureau of Reclamation on August 6, 1985.
3. The permittee has proceeded with diligence and good cause has been shown for the extension of time.

NOW THEREFORE, IT IS ORDERED THAT:

1. Order Condition 7(b) of Decision 1485 is superseded in accordance with Order Conditions 2 and 3 below.
2. Permittee shall comply with the water quality standards for full protection of Suisun Marsh set forth in Order Condition 7(a) of Decision 1485 (hereinafter termed standards) in accordance with the following schedule:
  - (a) Permittee shall meet the standards by October 1, 1988 at the following locations:
    - (1) Sacramento River at Collinsville Road in Collinsville (C-2)
    - (2) Montezuma Slough at National Steel (three miles south of Mien's Landing) (S-64)
    - (3) Montezuma Slough near Beldon Landing (0.35 miles east of Grizzly Island Bridge) (S-49)
  - (b) Permittee shall either meet the standards by October 1, 1991 at:
    - (1) Chadbourne Slough at Chadbourne Road (S-21), and
    - (2) Cordelia Slough, 500 feet west of the Southern Pacific crossing at Cygnus (S-33),or meet the standards by October 1, 1993 at:
    - (1) Chadbourne Slough at Chadbourne Road (S-21), and
    - (2) Cordelia Slough at Cordelia-Goodyear Ditch (S-97)
  - (c) Permittee shall either meet the standards by October 1, 1991 at Goodyear Slough at the Morrow Island Clubhouse (S-35), or meet the standards by October 1, 1994 at Goodyear Slough, 1.3 miles south of Morrow Island Ditch (S-75)

(d) Permittee shall meet the standards by October 1, 1997 at:

- (1) Suisun Slough 300 feet south of Volanti Slough (S-42), and
- (2) Water supply intake locations for waterfowl management areas on Van Sickle Island and Chipps Island.

3. Table II of Decision 1485 is amended on page 39 to replace the Suisun Marsh electrical conductivity standards that became effective October 1, 1984 with the following:

BENEFICIAL USE PROTECTED and LOCATION	PARAMETER	DESCRIPTION	YEAR TYPE	VALUES	
FISH AND WILDLIFE				Month	EC in mmhos
• SUISUN MARSH					
- To become effective on October 1, 1988 at: Sacramento River at Collinsville Road in Collinsville (C-2)	Electrical Conductivity 'EC)	The monthly average of both daily high tide values not to exceed the values shown (or demonstrate that equivalent or better protection will be provided at the location)	All	Oct.	19.0
Montezuma Slough at National Steel (3 miles south of Mein's Landing) (S-64)				Nov.	15.5
Montezuma Slough near Beldon Landing (0.35 miles east of Grizzly Island Bridge) (S-49)				Dec.	15.5
				Jan.	12.5
				Feb.	8.0
				Mar.	8.0
				Apr.	11.0
				May	11.0
- To become effective either on October 1, 1991 at: Chadbourne Slough at Chadbourne Road (S-21) and Cordelia Slough, 500 feet west of the Southern Pacific crossing at Cygnus (S-33); or on October 1, 1993 at: Chadbourne Slough at Chadbourne Road (S-21) and Cordelia Slough at Cordelia-Goodyear Ditch (S-97)					
- To become effective either on October 1, 1991 at: Goodyear Slough at the Morrow Island Clubhouse (S-35); or on October 1, 1994 at: Goodyear Slough, 1.3 miles south of Morrow Island Ditch (S-75)					
- To become effective on October 1, 1997 at: Suisun Slough, 300 feet south of Volanti Slough (S-42), and Water supply intake locations for waterfowl management areas on Van Sickle Island and Cripps Island.					

4. By January 15 of each year, permittee shall provide, either separately or jointly with California Department of Water Resources, a written report to the Board on its progress toward achieving full compliance with this order.

*Lloyd D. Johnson*  
Lloyd D. Johnson, Interim Chief  
Division of Water Rights

Dated **DECEMBER 5 1985**

ATTACHMENT A

Permits of the United States Bureau of Reclamation:

Permit 12720 (Application 5625)  
Permit 12721 (Application 5626)  
Permit 11966 (Application 5627)  
Permit 11967 (Application 5628)  
Permit 12722 (Application 9363)  
Permit 12723 (Application 9364)  
Permit 12724 (Application 9365)  
Permit 12725 (Application 9366)  
Permit 12726 (Application 9367)  
Permit 12727 (Application 9368)  
Permit 11315 (Application 13370)  
Permit 11316 (Application 13371)  
Permit 11317 (Application 13372)  
Permit 11318 (Application 14662)  
Permit 11968 (Application 15374)  
Permit 11969 (Application 15375)  
Permit 11970 (Application 15376)  
Permit 12860 (Application 15764)  
Permit 11971 (Application 16767)  
Permit 11972 (Application 16768)  
Permit 11973 (Application 17374)  
Permit 16209 (Application 18721)  
Permit 16210 (Application 18723)  
Permit 15149 (Application 21542)  
Permit 16211 (Application 21636)  
Permit 16212 (Application 21637)  
Permit 15735 (Application 22316)

STATE OF CALIFORNIA  
STATE WATER RIGHTS BOARD

In the Matter of Applications 5625, 5626,  
9363, 9364, 9365, 9366, 9367, 9368, 10588,  
and 15764,

UNITED STATES OF AMERICA,  
BUREAU OF RECLAMATION,

Applicant

SACRAMENTO RIVER AND DELTA WATER  
ASSOCIATION, ET AL.,

Protestants

Sources: Sacramento  
River, Rock Slough,  
Old River, and  
Channels of the  
Sacramento-  
San Joaquin Delta

ADOPTED  
DEC 23 1965

ORDER EXTENDING TIME IN WHICH  
TO FORMULATE TERMS AND CONDITIONS  
RELATIVE TO SALINITY CONTROL  
PURSUANT TO DECISIONS D 990 AND D 1020

Condition No. 25 of the Board's order under Decision D 990, made on February 9, 1961, and condition No. 9 of the Board's order under Decision D 1020, made on June 30, 1961, reserved continuing jurisdiction over permits issued pursuant to Applications 5625, 5626, 9363, 9364, 9365, 9366, 9367, 9368, 10588, and 15764 until March 1, 1964, or such additional time as may be prescribed by the Board, for the purpose of formulating terms and conditions relative to salinity control in the Sacramento-San Joaquin Delta.

The initial period of three years was considered reasonable in order to allow the United States, the State of California, and the water users in the Delta an opportunity to work out their problems by mutual agreement; or, failing to reach agreement, to provide the Board with information upon which to make such further order as may be necessary and proper relating to salinity control in the Delta.

The Board finds that no emergency has arisen in the interim requiring imposition of specific permit terms; that additional time for the parties to resolve their problems would not cause injury to any lawful user of water; and that there has been no material change in project operations which would alter the conditions under which salinity incursion is now controlled.

Upon such findings, the Board concludes that the reservation of continuing jurisdiction should be extended.

IT IS HEREBY ORDERED that the State Water Rights Board reserve continuing jurisdiction over permits issued pursuant to Applications 5625, 5626, 9363, 9364, 9365, 9366, 9367, 9368, 10588, and 15764 until further order of the Board, for the purpose of formulating terms and conditions relative to salinity control in the Sacramento-San Joaquin Delta.

Adopted as the order of the State Water Rights Board at a meeting duly called and held in Sacramento, California, on the                      day of                      , 19                      .

/s/ Kent Silverthorne  
Kent Silverthorne, Chairman

/s/ Ralph J. McGill  
Ralph J. McGill, Member

/s/ W. A. Alexander  
W. A. Alexander, Member